



SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANTS	Application Number	10/816,358
	Filing Date	March 31, 2004
	First Named Inventor	Edward K. Y. Jung
	Group Art Unit	To be assigned 2142
	Examiner Name	To be Assigned Survival
Page 1 of 4	Attorney Docket Number	0104-003-003-000000

U.S. PATENT DOCUMENTS				
Examiner Initials	Cite No.	U.S. Patent Number	Name of Patentee	Date of Publication (MM-DD-YYYY)
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FOREIGN PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number	Country	Date of Publication (MM-DD-YYYY)	English Translation Provided?
	AB				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
OS	AC	BERKELY WEBS: WIRELESS EMBEDDED SYSTEMS, "Building Sensor Networks with TinyOS" May 5, 2003 Mobisys Tutorial, San Francisco Powerpoint Presentation, Culler, David; Levis, Phil; Szewczyk, Rob; Polastre, Joe; pp. 1-41 located at http://webs.cs.berkeley.edu , printed on 04/15/04.
	AD	BERKELEY WEBS: WIRELESS EMBEDDED SYSTEMS, "Publications", pp. 1-3, located at http://webs.cs.berkeley.edu/publications.html , printed on 04/12/04
	AE	BERKELEY WEBS: WIRELESS EMBEDDED SYSTEMS, "Tiny OS a component-based OS for the networked sensor regime", "Latest News", pp. 1-2 located at http://webs.cs.berkeley.edu/tos/ , printed on 01/27/04.
	AF	BERKELEY WEBS: WIRELESS EMBEDDED SYSTEMS, "Tiny OS a component-based OS for the networked sensor regime", "Publications/Presentations", pp. 1-3 located at http://www.tinyos.net/media.html , printed on 04/13/04.
	AG	BERKELEY WEBS: WIRELESS EMBEDDED SYSTEMS, "Tiny OS a component-based OS for the networked sensor regime", "Related UC Berkeley Work", pp. 1-9 located at http://webs.cs.berkeley.edu/tos/related.html , printed on 01/27/04.
	AH	BERKELEY WEBS: WIRELESS EMBEDDED SYSTEMS, "Tiny OS Tutorial Index", pp. 1-2 located at http://webs.cs.berkeley.edu/tos/tinyos-1.x/doc/tutorial/index.html , printed on 04/15/04.
	AI	BERKELEY WEBS: WIRELESS EMBEDDED SYSTEMS, "Tiny OS Tutorial Lesson 8: Data Logging Application", pp. 1-4 located at http://webs.cs.berkeley.edu/tos/tinyos-1.x/doc/tutorial/lesson8.html , printed on 04/15/04.
OS	AJ	CENTER FOR THE BUILT ENVIRONMENT, "XYZ On A Chip: Integrated Wireless Sensor Networks for the Control of the Indoor Environment in Buildings" pp. 1-2, located at http://www.cbe.berkeley.edu/research/briefs-wirelessxyz.htm , bearing a date of 2002, printed on 01/27/04.

Examiner Signature	<i>Reuven</i>	Date Considered	8/9/07
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Page 2 of 4	Attorney Docket Number	0104-003-003-000000

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS		
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OS	AK	CITRIS, "Brainy Buildings Conserve Energy" p. 1-3 located at http://www.citris.berkeley.edu/applications/energy/smartbuildings.html , printed on 01/27/04.
	AL	CITRIS, "The Real World as One Giant Database" pp. 1-3 located at http://www.citris.berkeley.edu/newsletter/2003_Newsletters/december_2003/feature.htm , bearing a date of 2003, printed on 04/09/04.
	AM	"Data Repository", University of California Berkeley, located at http://localization.millennium.berkeley.edu/data_repository.html , pp. 1 of 1, bearing a date of 2001, printed on 04/07/04.
	AN	GELSINGER, PAT; Intel.com, "Expanding Moore's Law with Convergence" pp. 1-4 located at http://www.intel.com/labs/features/em101031.htm , printed on 04/09/04.
	AO	INTEL.COM, "New Computing Frontiers-The Wireless Vineyard" pp. 1-4 located at http://www.intel.com/labs/features/rs01031.htm , printed on 04/07/04.
	AP	ISIS NEST: Institute For Software Integrated Systems; "NEST Home: Network Embedded Systems Technology", pp. 1-2, located at http://www.isis.vanderbilt.edu/projects.nest/index.html , printed on 04/14/04.
	AQ	ISIS NEST: Institute For Software Integrated Systems; "Applications: Shooter Localizations", pp. 1-5, located at http://www.isis.vanderbilt.edu/projects.nest/applications.html , printed on 04/14/04.
	AR	ISIS NEST: Institute For Software Integrated Systems; "Middleware: Next Middleware Services", pp. 1 of 1, located at http://www.isis.vanderbilt.edu/projects.nest/middleware.html , printed on 04/14/04.
	AS	ISIS NEST: Institute For Software Integrated Systems; "Tools: NEST Tools", pp. 1 of 1, located at http://www.isis.vanderbilt.edu/projects.nest/tools.html , printed on 04/14/04.
	AT	ISIS NEST: Institute For Software Integrated Systems; "Documents: NEST Documents", pp. 1-2, located at http://www.isis.vanderbilt.edu/projects.nest/documents.html , printed on 04/14/04.
	AU	ISIS NEST: Institute For Software Integrated Systems; "Download: NEST Download", pp. 1-2, located at http://www.isis.vanderbilt.edu/projects.nest/download.html , printed on 04/14/04.
	AV	ISIS NEST: Institute For Software Integrated Systems; "People: The NEST Group", pp. 1 of 1, located at http://www.isis.vanderbilt.edu/projects.nest/people.html , printed on 04/14/04.
OS	AW	JOHNSON, R. COLIN, "Companies test prototype wireless-sensor nets" EE Times, pp. 1-3, printable version of article located at http://www.eet.com/article/showArticle.jhtml?articleID=9900910 , bearing a date of 01/29/03, printed on 01/27/04.

Examiner Signature	<i>Rui</i>	Date Considered	8/9/07
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	Examiner Name	To be Assigned Surville
Page 3 of 4	Attorney Docket Number	0104-003-003-000000

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

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OS	AX	KAHN, KEVIN C.; CULLER, DAVID E.; "Ad Hoc Sensor Networks A New Frontier for Computing Applications" bearing a date of April 2002, printed on 04/09/04.
	AY	KLING, RALPH, "Intel® Research Mote" pp. 1-13, Powerpoint Presentation, located at http://webs.cs.berkeley.edu/retreat-1-03/slides/imote-nest-q103-03-dist.pdf , Intel Corporation Research, Santa Clara, CA, printed on 04/13/04.
	AZ	LEVIS, PHILIP; CULLER, DAVID; "Maté: A Tiny Virtual Machine for Sensor Networks", pp. 1-11, printed on 04/12/04
	BA	LEVIS, PHILIP; MADDEN, SAM; GAY, DAVID; POLASTRE, JOSEPH; SZEWCZYK, ROBERT; WOO, ALEC; BREWER, ERIC; CULLER, DAVID; "The Emergence of Networking Abstractions and Techniques in TinyOS" pp. 1-14, printed on 04/13/04.
	BB	LEVIS, PHILIP; PATEL, NEIL; CULLER, DAVID; SHENKER, SCOTT; "Trickle: A Self-Regulating Algorithm for Code Propagation and Maintenance in Wireless Sensor Networks", printed on 04/13/04.
	BC	LEVIS, PHILIP; PATEL, NEIL; "Maté: Building Application-Specific Sensor Network Language Runtimes", bearing a date of 11/11/03, printed on 04/12/04
	BD	"LOCALIZATION Distributed Embedded Systems" UCLA Computer Science 213: Localization Systems Powerpoint Presentation, pp. 1-61, bearing a course name of: CS 213/Estrin/Winter 2003, bearing a speaker name of: Lewis Girod, bearing a date of 02/04/03, printed on 03/15/04.
	BE	"Localization.Millennium.Berkeley.Edu", University of California Berkeley, located at http://localization.millennium.berkeley.edu/introduction.html , pp. 1 of 1, bearing a date of 2001, printed on 04/07/04.
	BF	"Localization Standards", University of California Berkeley, located at http://localization.millennium.berkeley.edu/localization_standards.html , pp. 1 of 1, bearing a date of 2001, printed on 04/07/04.
	BG	MARÓTI, MIKLÓS; VÖLGYESI, PÉTER; SIMON, GYULA; KARSAL, GÁBOR; LÉDECZI, AKOS; "Distributed Middleware Services Composition and Synthesis Technology"; pp. 1-8, IEEE, bearing a date of 2002, printed on 04/14/04.
	BH	PESCOVITZ, DAVID, "Robugs: Smart Dust Has Legs" pp. 1-2, located at http://www.coe.berkeley.edu/labnotes/0903/pister_print.html , bearing a date of September 2003, printed on 04/09/04.
	BI	RAGHUNATHAN, VIJAY; SCHURGERS, CURT; PARK, SUNG; SRIVASTAVA, MANI B.; "Energy Aware Wireless Sensor Networks" pp. 1-17; Department of Electrical Engineering, University of California, Los Angeles; printed on 03/15/04.
OS	BJ	SAVVIDES, ANDREAS; "Hardware", pp. 1-3, located at http://nesl.ee.ucla.edu/projects/ahlos/hardware.htm , Networks and Embedded Systems Lab, University of California, Los Angeles; bearing a date of 01/18/03, printed on 02/23/04.

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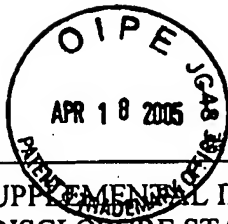
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		Group Art Unit	To be Assigned 2142
		Examiner Name	To be Assigned <i>Survillo</i>
Page 4 of 4		Attorney Docket Number	0104-003-003-000000
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
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<i>OS</i>	BK	SAVVIDES, ANDREAS; "Localization Forum", pp.1 of 1, located at http://nesl.ee.ucla.edu/projects/ahlos/localization_forum.htm , Networks and Embedded Systems Lab, University of California, Los Angeles; bearing a date of 12/24/03, printed on 02/23/04.	
<i>OS</i>	BL	"The Ad-Hoc Localization System (AHLs)" Networks and Embedded Systems Lab, University of California, Los Angeles; located at http://nesl.ee.ucla.edu/projects/ahlos/Default.htm , pp. 1-4, printed on 02/23/04.	
<i>OS</i>	BM	"Tiny DB A Declarative Database for Sensor Networks" pp. 1-2, located at http://telegraph.cs.berkeley.edu/tinydb/ printed on 04/09/04.	
<i>OS</i>	BN	TINY SEC: LINK LAYER SECURITY FOR TINY DEVICES, "Calamari: A localization system for sensor networks", pp. 1-6, located at http://www.cs.berkeley.edu/~kamin/calamari/ printed on 04/12/04.	
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DISCLOSURE STATEMENT BY
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Application Number	10/816,358
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First Named Inventor	Edward K.Y. Jung
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Examiner Name	To be Assigned Surveillance
Attorney Docket Number	0104-003-003-000000

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U.S. PATENT DOCUMENTS

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	AA			
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FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number	Country	Date of Publication (MM-DD-YYYY)	English Translation Provided?
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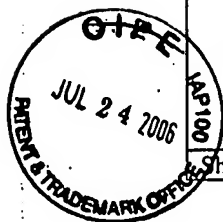
NON PATENT LITERATURE DOCUMENTS

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OS	AL	ZHAO, FENG; GUIBAS, LEONIDAS J.; <u>Wireless Sensor Networks: An Information Processing Approach</u> . San Francisco: Morgan Kaufmann Publishers-Elsevier Inc., bearing a copyright date of 2004.
	AM	
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Substitute for form 1449A/PTO		Application Number	10/816,358
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Sheet 1 of 1	Attorney Docket Number		0104-003-003-000000

U.S. PATENT DOCUMENTS				
Examiner Initials	Cite No. ¹	U.S. Patent Number Number-Kind Code ² (if known)	Issue Date (MM-DD-YYYY)	Name of Patentee
OS	AA	6,778,844 B2	08-17-2004	Hood, III, Charles D.
	AB			
	AC			

U.S. PATENT APPLICATION DOCUMENTS				
Examiner Initials	Cite No. ¹	U.S. Patent Application Publication Number Number-Kind Code ² (if known)	Publication Date (MM-DD-YYYY)	Name of Applicant
OS	AD	2005/0143133 A1	06-30-2005	Bridgelall, Raj
OS	AE	2004/0230638 A1	11-18-2004	Balachandran et al.
OS	AF	2003/0033394 A1	02-13-2003	Stine, John A.

FOREIGN PATENT DOCUMENTS					
Examiner Initials	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	T ⁶
	AG				
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Substitute for form 1449A/PTO		Application Number	10/816,358
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OS	AA	7,103,511 B2	09-05-2006	Petite, Thomas D.
	AB	7,016,812 B2	03-21-2006	Aritsuka et al.
	AC	6,950,778 B2	09-27-2005	Warner et al.
	AD	6,888,453 B2	05-03-2005	Lutz et al.
	AE	6,792,321 B2	09-14-2004	Sepe, Jr., Raymond
	AF	6,618,745 B2	09-09-2003	Christensen et al.
OS	AG	6,088,665	07-11-2000	Burns et al.

U.S. PATENT APPLICATION DOCUMENTS

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OS	AH	2006/0136627 A1	06-22-2006	Maity et al.
	AI	2005/0275532 A1	12-15-2005	Ferri et al.
	AJ	2004/0008140 A1	01-15-2004	Sengupta et al.
	AK	2003/0228857 A1	12-11-2003	Maeki, Akira
	AL	2003/0222818 A1	12-04-2003	Regnier et al.
	AM	2003/0172221 A1	09-11-2003	McNeil, Donald H.
	AN	2002/0123864 A1	09-05-2002	Eryurek et al.
OS	AO	2002/0027504 A1	03-07-2002	Davis et al.

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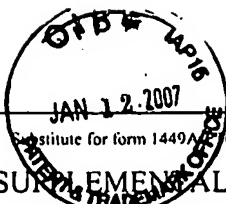
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OS	AQ	ADLER, ROBERT et al.; "Demo Abstract: Intel Mote 2: An Advanced Platform for Demanding Sensor Network Applications"; Intel Corporation; bearing dates of November 2-4, 2005; p. 298; (plus cover sheet)
	AR	DUTTA, PRABAL K. et al.; "System Software Techniques for Low-Power Operation in Wireless Sensor Networks"; Computer Science Division, University of California, Berkeley; bearing a date of 2005; pp. 924 - 931; (plus cover sheet)
	AS	KRAUSE, ANDREAS et al.; "Near-optimal Sensor Placements: Maximizing Information while Minimizing Communication Cost"; bearing dates of April 19-21, 2006; pp. 2 - 10; (plus cover sheets)
	AT	LU, JIE et al.; "User Modeling for Full-Text Federated Search in Peer-to-Peer Networks"; Language Technologies Institute, Carnegie Mellon University; bearing dates of August 6 - 11, 2006; pp. 332 - 339; (plus cover sheet)
	AU	NACHMAN, LAMA et al.; "The Intel® Mote Platform: A Bluetooth*-Based Sensor Network for Industrial Monitoring"; Corporate Technology Group, Intel Corporation; bearing a date of 2005; pp. 1 - 6; (plus cover sheet)
	AV	PCT International Search Report; International App. No.: PCT/US05/11202; 27 September 2006
	AW	RAZEEB, KAFIL M. et al.; "A Hybrid Network of Autonomous Sensor Nodes"; NMRC, University College Cork; bearing dates of November 8 - 10, 2004; pp. 69 - 70; (plus cover sheet)
OS	AX	SHARIFZADEH, MEHDI et al.; "Supporting Spatial Aggregation in Sensor Network Databases*"; Computer Science Department, University of Southern California; bearing dates of November 12 - 13, 2004; pp. 166 - 175; (plus cover sheet)

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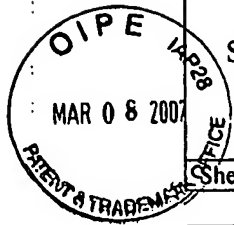
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		First Named Inventor	Edward K.Y. Jung
		Group Art Unit	2153 2142
		Examiner Name	To Be Assigned Survillo
Sheet 1 of 2	Attorney Docket Number	0104-003-003-000000	

U.S. PATENT DOCUMENTS				
Examiner Initials	Cite No. ¹	U.S. Patent Number Number-Kind Code ² (if known)	Issue Date (MM-DD-YYYY)	Name of Patentee
OS	AA	7,075,455 B2	07-11-2006	Nishimura et al.
	AB	6,943,747 B2	09-13-2005	Kwon, Do-Hoon
	AC	6,296,205 B1	10-02-2001	Hanson et al.
	AD	5,697,066	12-09-1997	Acampora, Anthony
OS	AE	5,432,519	07-11-1995	Sezai, Toshihiro

U.S. PATENT APPLICATION DOCUMENTS				
Examiner Initials	Cite No. ¹	U.S. Patent Application Publication Number Number-Kind Code ² (if known)	Publication Date (MM-DD-YYYY)	Name of Applicant
OS	AF	2005/0062653 A1	03-24-2005	Cetiner et al.
	AG	2002/0036595 A1	03-28-2002	Chiang et al.
	AH	10/909,200		Jung et al.
	AI	10/903,692		Jung et al.
	AJ	10/903,652		Jung et al.
	AK	10/900,163		Jung et al.
	AL	10/900,147		Jung et al.
	AM	10/882,119		Jung et al.
	AN	10/877,109		Jung et al.
	AO	10/877,099		Jung et al.
	AP	10/850,914		Jung et al.
	AQ	10/844,614		Jung et al.
	AR	10/844,613		Jung et al.
	AS	10/844,612		Jung et al.
	AT	10/844,564		Jung et al.
OS	AU	10/843,987		Jung et al.

OMB 0651-0031

Examiner Signature	<i>Survillo</i>	Date Considered	8/9/07
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Substitute for form 1449A/PTO SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANTS <i>(Use as many sheets as necessary)</i>		Application Number	10/816,358
		Filing Date	March 31, 2004
		First Named Inventor	Edward K.Y. Jung
		Group Art Unit	2153 2142
		Examiner Name	To Be Assigned Survillo
Sheet 2 of 2	Attorney Docket Number	0104-003-003-000000	

NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
OS	AD	PCT International Search Report; International App. No.: PCT/US05/10054; 01 December 2006

OMB 0651-0031

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Sheet	1	of	1	Application Number	10/816,358
				Filing Date	March 31, 2004
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U.S. PATENT DOCUMENTS

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OS	AA	7,034,740 B2	04-25-2006	Witten, Alan
OS	AB	5,960,214	09-28-1999	Sharpe, Jr. et al.

U.S. PATENT APPLICATION DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Application Publication Number Number-Kind Code ² (if known)	Publication Date (MM-DD-YYYY)	Name of Applicant
	AC			
	AD			

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OS	AE	PCT International Search Report; International App. No.: PCT/US05/11203; 09 February 2007

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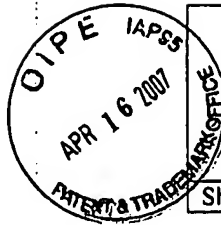
Examiner Signature	<i>Survillo</i>	Date Considered	8/9/07
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANTS (Use as many sheets as necessary)		Filing Date	March 31, 2004
		First Named Inventor	Edward K.Y. Jung
		Group Art Unit	2153 2142
		Examiner Name	To Be Assigned Survillo
Sheet 1 of 1	Attorney Docket Number	0104-003-003-000000	

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	AB			

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OS	AC	2004/0249563 A1	12-09-2004	Otsuki et al.
	AD			

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(Use as many sheets as necessary)

Sheet 1 of 1

Application Number	10/816,358
Filing Date	March 31, 2004
First Named Inventor	Edward K.Y. Jung
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Examiner Name	To Be Assigned Survillo
Attorney Docket Number	0104-003-003-000000

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OS	AA	LU, JIE; CALLAN, JAMIE; "Content-Based Retrieval In Hybrid Peer-To-Peer Networks"; CIKM'03; bearing dates of November 3-8, 2003; ACM

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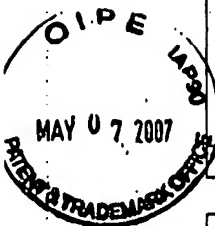
Examiner Signature	<i>Survillo</i>	Date Considered	8/9/07
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Substitute for form 1449A/PTO		Application Number	10/816,358
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANTS (Use as many sheets as necessary)		Filing Date	March 31, 2004
		First Named Inventor	Edward K.Y. Jung
		Group Art Unit	2453 2142
		Examiner Name	To Be Assigned Survillo
Sheet 1 of 1	Attorney Docket Number		0104-003-003-000000

NON PATENT LITERATURE DOCUMENTS		
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OS	AA	CULLER, DAVID; ESTRIN, DEBORAH; SRIVASTAVA, MANI; "Overview Of Sensor Networks"; Computer; August 2004; pp. 41-49; Vol. 37; No. 8; IEEE Computer Society

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U.S. PATENT DOCUMENTS

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OS	AA	5,581,694	12-03-1996	Iverson et al.
	AB			

U.S. PATENT APPLICATION DOCUMENTS

Examiner Initials ⁴	Cite No. ¹	U.S. Patent Application Publication Number Number-Kind Code ² (if known)	Publication Date (MM-DD-YYYY)	Name of Applicant
OS	AC	2006/0224434 A1	10-05-2006	Rumi et al.
OS	AD	2006/0212570 A1	09-21-2006	Aritsuka et al.

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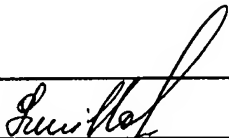




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OS	AA	CULLER, DAVID E.; MULDER, HANS; "Smart Sensors To Network The World"; Scientific American; printed on June 26, 2007; pp. 1-10; http://www.intel.com/research/exploratory/smartnetworks.htm
	AB	FALL, KEVIN; "A Delay-Tolerant Network Architecture For Challenged Internets"; Intel Research Berkeley; February 26, 2003; pp. 1-14; ACM Press
	AC	GOVINDAN, RAMESH; KOHLER, EDDIE; ESTRIN, DEBORAH; BIAN, FANG; CHINTALAPUDI, KRISHNA; GNAWALI, OM; GUMMADI, RAMAKRISHNA; RANGWALA, SUMIT; STATHOPOULOS, THANOS; "Tenet: An Architecture For Tiered Embedded Networks"; pp. 1-8
OS	AD	STATHOPOULOS, THANOS; GIROD, LEWIS; HEIDEMANN, JOHN; ESTRIN, DEBORAH; "More Herding For Tiered Wireless Sensor Networks"; Center For Embedded Networked Sensing; pp. 1-14; UCLA, Department Of Computer Science / USC, Information Sciences Institute

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OS	AA	LU, JIE; CALLAN, JAMIE; "Content-Based Retrieval In Hybrid Peer-To-Peer Networks"; Information Retrieval Session 4: General Retrieval Issues; 2003; pp. 199-206; ACM Press
OS	AB	PCT International Search Report; International App. No.: PCT/US05/10843; 29 March 2005

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Page 1 of 2	Attorney Docket Number	0104-003-003-000000

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DS	AA	2004/0005889 A1	Nishimura, et al.	01-08-2004
DS	AB	2003/0236866 A1	John J. Light	12-25-2003
DS	AC	2003/0172221 A1	Donald H. McNeil	09-11-2003
DS	AD	2002/0040639 A1	Duddleson, et al.	04-11-2002

FOREIGN PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number	Country	Date of Publication (MM-DD-YYY)	English Translation Provided?
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
DS	AF	BUONADONNA, PHILLIP; HILL, JASON; CULLER, DAVID; "Active Message Communication for Tiny Networked Sensors," pp. 1-11, printed on 03/08/2004.
	AG	GAY, DAVID; LEVIS, PHIL; VON BEHREN; WELSH, MATT; BREWER, ERIC; and CULLER, DAVID, "The nesCLanguage: A Holistic Approach to Network Embedded Systems," pp. 1-10; Intel Research Berkeley, The Intel Corporation, November 2002.
	AH	HILL, JASON; SZEWCZYK, ROBERT; WOO, ALEC; HOLLAR, SETH; CULLER, DAVID; PISTER, KRISTOFER, "System Architecture Directions for Networked Sensors," ASPLOS 2000, Cambridge, November 2000.
	AI	INTEL.COM, "Exploratory Research Deep Networking" pp. 1-10 located at http://www.intel.com/research/exploratory/heterogeneous.htm , printed on 03/25/04.
	AJ	LEVIS, PHILIP, "Viral Code Propagation in Wireless Sensor Networks," EECS Department, University of California at Berkeley, printed on 03/08/2004.
	AK	LISCANO, RAMIRO, "Service Discovery in Sensor Networks: An Overview" Powerpoint Presentation; pp.1-51; School of Information Technology and Engineering, University of Ottawa, Ottawa, CANADA, bearing a date of 2003, printed on 03/08/2004.
	AL	MADDEN, SAMUEL, "Acquisitional Query Processing in TinyDB" Powerpoint Presentation, pp. 1-51; NEST Winter Retreat 2003, printed on 03/08/2004.
DS	AM	MADDEN, SAMUEL, "Challenges in Sensor Network Query Processing" Powerpoint Presentation at the January 15, 2002 NEST Retreat, printed on 03/08/2004.

Examiner Signature	<i>Surville</i>	Date Considered	8/9/07
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INFORMATION DISCLOSURE STATEMENT BY APPLICANTS	Application Number	To be Assigned
	Filing Date	March 31, 2004
	First Named Inventor	Edward K. Y. Jung
	Group Art Unit	To be Assigned 2142
	Examiner Name	To be Assigned Surv 1110
Page 2 of 2	Attorney Docket Number	0104-003-003-000000

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
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OS	AN	MADDEN, SAMUEL; SZEWCZYK, R.; FRANKLIN, MICHAEL; and CULLER, DAVID "Supporting Aggregate Queries Over Ad-Hoc Wireless Sensor Networks," pp. 1-10, printed on 03/08/04.
	AO	MADDEN, SAMUEL; SZEWCZYK, R.; FRANKLIN, MICHAEL; CULLER, DAVID "Supporting Aggregate Queries Over Ad-Hoc Wireless Sensor Networks" Powerpoint Presentation, pp. 1-47, 4 th IEEE Workshop on Mobile Computing, dated June 21, 2002.
	AP	MADDEN, SAMUEL; FRANKLIN, MICHAEL J.; HELLERSTEIN, JOSEPH; M., and HONG, WEI, "The Design of an Acquisitional Query Processor for Sensor Networks," pp. 1-14, SIGMOD, June 2003.
	AQ	RYER, ALEX; <u>Light Measurement Handbook</u> , http://www.intl-light.com/handbook ; pp. 1-64, copyright 1997, printed on 03/08/2004
	AR	SEARCHMOBILECOMPUTING.COM, "Ad-Hoc Network" pp. 1-3 located at http://searchmobilecomputing.techtarget.com/sDefinition/0,sid40_gci213462.00.html , bearing a date of April 11, 2003, printed on 03/08/2004.
	AS	SEARCHNETWORKING.COM DEFINITIONS, "Jini" pp. 1-3 located at http://searchnetworking.techtarget.com/sDefinition/0,sid7_gci212422.00.html , bearing a date of April 10, 2003, printed on 03/08/2004.
	AT	SPYROPOULOS, AKIS; RAGHAVENDRA, C.S., "Energy Efficient Communications in Ad Hoc Networks Using Directional Antennas," Dept. of Electrical Engineering-Systems, University of Southern California, bearing a date of 2002, printed on 02/23/2004.
	AU	VISWANATH, KUMAR, "Adaptive, Integrated Multicast Routing for Group Communications in Ad-Hoc Networks" Powerpoint Presentation, pp. 1-12; Computer Engineering Department, University of California, Santa Cruz, printed on 03/08/2004.
OS	AV	WOO, ALEC; TONG, TERENCE; and CULLER, DAVID, "Taming the Underlying Challenges of Reliable Multihop Routing in Sensor Networks," pp. 1-14, SenSys '03, November 5-7, 2003, Los Angeles, California, USA.
	AW	
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	AY	
	AZ	
	BA	
	BB	
	BC	
	BD	

Examiner Signature	<i>Ruillof</i>	Date Considered	8/9/07
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